

# The Daily Nebraskan

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## RESUME OF WORK IN ENGINEERING COLLEGE

YEAR HAS BEEN MARKED BY  
MANY ACTIVITIES.

### NEW BUILDING GREATLY HELPS

Engineers Achieve Honor in Many  
Lines—Blue Print to Be Out  
This Week.

With the presidents of two classes, membership on most of the important boards in the college, a colonel, a major, and four captains in the military department, and numerous other honors, the college of engineering feels that its year's work has been very successful in general activities as well as in the class room.

#### A Few Events.

No sooner had the university started than the Engineering society, under the able direction of Arthur Dobson, began a systematic campaign and the result was evident. Over ninety new men signed up as associate members. Speakers of note were unusually willing to offer their services to the college and many were benefited by the new ideas and methods outlined in the various fields of the professions.

But the engineers did not stop their activities, their pursuit of knowledge not interfering with the giving of one of the finest dances of the year, held at the Lincoln. This dance was as truly limited as any that has ever been given and advertised as such.

#### Social Activities Marked.

No longer is the engineer easily distinguished from the rest of his college brethren.

He is now seen in the library, where he talks to the comely maiden with the ease born of long practice. This he does, of course, only when the librarians are not looking in his direction.

He is seen at practically every dance that is given and wears the dress suit with an aristocratic unconcern.

He is seen in class affairs of a social nature, generally being there in greater numbers than any of the other college men.

This leaves no room for a doubt that the engineer may not be able to absorb a little of the polish and social finesse which more or less is the mark of the college men and women in general.

#### Building Dedicated.

The most important event of the year to the college was the dedication of the new Mechanical Engineering Laboratories, on January 18. For over eighteen years Dean Richards has striven to build up a department with a suitable housing and course of instruction. This he has admirably succeeded in doing by designing the new laboratories and guiding them through to completion.

Degrees of Doctor of Engineering were conferred upon three prominent engineers in the three great professions, civil, electrical, and mechanical engineering. Dr. J. A. L. Waddell represented the first named vocation. Dr. Waddell is probably one of the greatest bridge engineers in the world. His works and experience are of great repute in every country. Dr. B. J. Arnold, electrical engineer of wide acquaintance, represented his

particular line of work. Dr. Arnold's old home is at Ashland in this state. Dr. Mortimer E. Cooley, dean of the college of engineering at Michigan, noted mechanical engineer and corporation arbiter, received the third of the degrees conferred.

Dean W. F. M. Goss of Illinois delivered the dedication address in the evening and Chancellor Avery presented the "diplomas."

#### Second Semester Activities.

The principal activities of the engineers in the last semester have been those of politics military science and publication. Presidents Amerson and Pearse represent the college in class; Captains Bennett, Cain, Forman and Galloway do the same in drill. Colonel Kramer, however, is the high mogul in that department, next to the Commandant, the two giving Dean Richards a parade and review about two weeks ago. This honor is seldom accorded a member of the faculty.

The dean said he didn't realize how many engineers there were in the regiment until the colonel took him along the line. He also remarked that Bennett should train his company more. He suggested that they would be good ballet dancers, had they the skill which they showed in executing Butts' Manual to music without commands.

#### Blue Print Comes Out.

To conclude this year's work, the annual publication of the Engineering society will make its appearance this week. Replete with matters of interest to Engineers, and general items for the perusal of all students who take more or less work in the departments. It is expected to be a good edition and should command a ready sale among the students.

#### Conclusion.

Summing up the record made by the college of engineering during the past two semesters, we note an increase in fellowship, scholarship and attendance. We note the presence of many leading engineers among those who have visited the college. We note the engineer in athletics, politics and practically every school activity worthy of consideration.

### SEAT SALE LARGE

ANNOUNCEMENT THAT PLAY IS  
INFORMAL INCREASES DEMAND FOR TICKETS.

The announcement of the senior play committee of its decision to make both performances informal next Saturday probably greatly stimulated the demand for tickets. As a result of the first day's sale the greater portion of the house for the even-

ing performance was sold out and the demand for matinee tickets was also strong. If the present demand continues until Saturday both performances will play to packed houses.

There being no shows scheduled at the Oliver this week, the decorating committee will have plenty of time to get all the decorations in place. Work along this line will continue tomorrow evening.

### COLLINS DISBARRED

ELIGIBILITY COMMITTEE ISSUES  
STATEMENT—THE ATHLETIC  
BOARD MEETING.

At a meeting of the eligibility committee held last evening, the case of Sidney Collins was discussed and the following statement authorized by the committee states its action:

"Evidence was presented to show that Mr. Collins had received money during the season of 1907-1908. Mr. Collins admitted this fact. The committee has taken action disbaring Mr. Collins from the Missouri Valley track meet at Des Moines next Saturday."

It was made plain to the committee that the money received was not a recompense for services performed, but only a means of enabling Mr. Collins to remain in school and give his time to athletics instead of earning his expenses in some other work.

The eligibility committee consists of Dr. H. K. Wolfe, Professor Skinner and Ben Cherrington. Professor Caldwell of the athletic board was also present. Clyde E. Elliott appeared as chief witness. John Westover also appeared. C. Sherman of the Lincoln News was present at the request of the chancellor. Mr. Collins was also present.

The new athletic board met for the first time last night. Professor Grove E. Barber was elected president and Owen Frank, vice-president.

The contract for sodding the athletic field was let. No other business of importance was done.

### ATTEND CONVOCATION.

Each Class to Be Represented in the Exercises.

Every student should try to attend convocation this morning. This is the All University rally and each class is to be represented on the program. After the convocation, the three under classes will have class meetings of importance.

North Dakota agricultural college has a peculiar custom in connection with its college declamatory contest, which consists in giving away 1,000 loaves of bread to those attending.

## DIFFERENT MEANINGS OF TERM "ENGINEER"

PROFESSOR SCIPIO WRITES ARTICLE OF EXPLANATION.

### MAY BE PUT INTO TWO CLASSES

Difference in Education and the Ability It Gives—What the True Engineer Is.

Popularly speaking, the term "engineer" is a very broad one. It is applied promiscuously to the man who starts and stops the little gasoline engine, to the man who runs the hoisting engine on a construction job, to the man who runs the traction engine or locomotive, to the man who designs railway bridges and plans large public works, manufacturing plants, etc.

The terms lawyer, physician, chemist and clergyman suggest to us men who have a more or less liberal education, together with special preparation along their chosen line of work and the same thing is true of the engineer. As a profession, engineering ranks high and our entire industrial system is the primary result of its activities.

The class of men popularly known as engineers should be divided into two groups, although it would be rather difficult to draw the exact line of demarcation. One group consists of engineers by trade, hence the proper term to apply to this group would be "artisan"; the other group consists of men who make engineering a profession. We may differentiate more clearly by saying that an artisan is one who has acquired a requisite amount of skill along a definite and specialized line of handicraft whereby he can make a living. The engineer is one who has acquired a liberal education which fits him for the highest standard of citizenship and gives him the ability to originate and design public works, also to invent and improve along mechanical lines. The activity of the former is largely manual, while that of the latter is mental. The engineer, through processes of reasoning and calculation, determines upon certain lines of procedure; the artisan takes them up where the engineer leaves off and carries them out. The artisan knows "how" to do a thing, but the engineer knows "why" he does it.

We will all agree that the engineer should know both the "how" and the "why," but it would be unreasonable to expect him to master all the manual work auxiliary to engineering. We would not expect the engineer to do the work of the machinist or the boiler-maker in the shops, nor to take the place of the engine driver on the road. There would be two good reasons for this: First, he should be too valuable a man for that class of work, and, second, men who have specialized in their lines could do it much better and cheaper.

It is not unusual, in fact, it is quite common, to find the so-called practical man antagonistic to the real engineer who makes use of theory, but let us take an example which will illustrate the superiority of the one over the other. Suppose a machine is to be devised in the plant to perform certain operations; the manually-

[Continued on Page 4]

**TODAY**  
**BASE BALL**  
Nebraska Field  
**"Outlaws" vs. Cotner**  
3:30 P. M.  
**ADMISSION 25 CENTS**